



Syllabus 2017-2018														
Description of the course														
Module/Course	Emergency Medicine										Group of detailed education results			
											Group code	Group name		
											F	Study of clinical procedures		
Faculty	Medicine													
Major	medicine													
Specialties	N/A													
Level of studies	Uniform master degree X * 1 st degree studies <input type="checkbox"/> 2 nd degree studies <input type="checkbox"/> 3 rd degree studies <input type="checkbox"/> postgraduate studies <input type="checkbox"/>													
Form of studies	X full-time X part-time													
Year of studies	5										Semester	X Winter		
												X Summer		
Type of course	X obligatory <input type="checkbox"/> limited choice <input type="checkbox"/> free choice / elective													
Course	x major <input type="checkbox"/> basic													
Language of instruction	<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark accordingly, swapping <input type="checkbox"/> with an X														
Number of hours														
Form of education														
Unit teaching the course	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – master studies (SCM)	Foreign language Course (FLC)	Obligatory Physical Education (PE)	Vocational Practice (VP)	Self-Study (Student's own work)	E-learning (EL)
Winter Semester														
Department and Clinic of Emergency Medicine	8				6		6							



Department of Paediatric Traumatology and Emergency Medicine	2				2		4							
Division of Nursing of Internal Diseases					2		0							

Summer Semester

Department and Clinic of Emergency Medicine	6				6		6							
Department of Paediatric Traumatology and Emergency Medicine	4				6		0							
Division of Nursing of Internal Diseases					2		0							

TOTAL per year:

Department and Clinic of Emergency Medicine	14				12		12							
Department of Paediatric Traumatology and Emergency Medicine	6				8		4							
Division of Nursing of Internal Diseases					4		0							
Sum	20				24		16							

Educational objectives (max. 6 items)

- C1. Familiarize students with the organization of the emergency medical system
- C2. Teach students how to conduct cardiopulmonary resuscitation in children and in adults.
- C3. Teach students how to recognize conditions which may lead to cardiac arrest and how to treat them
- C4. Teach students how to deal with sudden traumatic threats
- C5 Teaching students to identify psychological problems in contact with the patient in danger of life and health and with his family, as well as ways of solving them

Matrix of education results for module/course in relation to verification methods of the intended education result and the type of class

Number of course education result	Number of major education result	Student who completes the module/course knows/is able to	Methods of verification of intended education results (forming and summarizing)	Form of didactic class <i>**enter the abbreviation</i>
W 01	F.W9.	Knows the principles of the test		L, CC



		functioning of integrated system of emergency medicine		
W 02	F.W8	Knows the current guidelines for CPR of newborns, children and adults	Test	CC, L, CSC
U 01	F.U9.	Can treat external bleeding;	practical exam	CC, CSC
U 02	F.U10	Performs basic resuscitation treatments with automatic external defibrillator and other emergency actions and administers first aid;	practical exam	CC, CSC
U 03	F.U11	Operates in accordance with the current algorithm of advanced life support;	practical exam	CC, CSC
U 04	F.U5.	Performs peripheral venous catheterization	practical exam	CSC

** L - lecture; SE - seminar; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP practical classes with patient; PE – physical education (obligatory); VP – vocational practice; SS – self-study, EL – E-learning .

Please mark on a scale 1-5 how the above effects place your classes in the following categories:
communication of knowledge, skills or forming attitudes:

Knowledge: ++++

Skills +++

Social competences

Student's amount of work (balance of ECTS points)

Student's workload (class participation, activity, preparation, etc.)	Student Workload (h)
1. Office hours:	60
2. Student's own work (self-study):	20
Total student's workload	80
ECTS points for module/course	3,5
Comments	

Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects)

Lectures

1. **Winter semester**

Department and Clinic of Emergency Medicine



1. Emergency Medicine in Poland. Epidemiology of sudden threats to life and health. In-hospital triage. The structure and functioning of Emergency Department.
2. Epidemiology and clinical cardiac arrest. Out of hospital cardiac arrest and in hospital cardiac arrest. Post-resuscitation disease. Therapeutic hypothermia
3. Cardiopulmonary resuscitation in adults. Post-resuscitation care.
4. Recognition of a state directly threatening to life. Patients with cardiac arrhythmias, anaphylactic shock, acute coronary syndromes, pulmonary edema, exacerbation of bronchial asthma, metabolic disorders.

Department of Paediatric Traumatology and Emergency Medicine

5. Cardiopulmonary resuscitation in children. Management of choking victim.

2. Summer semester

Department and Clinic of Emergency Medicine

1. Introduction to clinical procedures in the states of sudden health threat in adults
2. A patient with polytrauma
3. Communication between medical staff and patients and their families in a situation of life-threatening condition.

Department of Pediatric Traumatology and Pediatric Emergency Medicine

4. Emergency treatment of injuries in children
5. Introduction to clinical procedures in the states of sudden health threat for children

Seminars

- 1.
- 2.
- 3.

Practical classes, winter semester

Tasks performed in the Emergency Medicine Clinic Borowska 213

1. Basic life support in adults (CSC)
2. Airways and ventilation (ED) (CSC)
3. Electrocardioversion and defibrillation (CSC)
4. Syncope (CC)
5. Upper limb injuries (CC)
6. Problems with interpersonal communication at ED (CC)

Tasks performed in Department of Paediatric Traumatology and Emergency Medicine at Bujwida 44
Basic life support in children (CSC)

7. Advanced life support in children (CSC)
8. Preliminary injury treatment in children (CC)
9. Internal Nursing Department classes in Borowska 213 Emergency Department
10. Cardiac arrhythmias (CC)

Practical classes, summer semester

Tasks performed in the Emergency Medicine Clinic Borowska 213

11. Advanced life support procedures in adults (CSC)
12. Immobilisations (CSC)



13. Basic Trauma life support (CSC)

14. Lower limb injury (CC)

15. Patient with chest pain (CC)

16. Acute abdomen (CC)

Tasks performed in Department of Paediatric Traumatology and Emergency Medicine in Bujwida 44

17. Transport of a severely injured patient (CC)

18. Acute surgical diseases in children (CC)

19. Traumatic injuries in children (CC) Practical and theoretical exam

Internal Nursing Department classes in Borowska 213 Emergency Department

20 Heart failure (CC)

Other

1.

2.

3.

etc. ...

Basic literature (list according to importance, no more than 3 items)

1. Scott H. Plantz , E. John Wipfler NMS Emergency Medicine LWW 2006

2. ERC Guidelines 2015 <https://cprguidelines.eu/>

3.

Additional literature and other materials (no more than 3 items)

1. Roberts and Hedges' Clinical Procedures in Emergency Medicine 6 th Edition.

2.

3.

Didactic resources requirements (e.g. laboratory, multimedia projector, other...)

Laptop, projector multimedia, manikins to learn resuscitation of the child and adult manikins to learn intubation, AED defibrillator, phantom to study accesses to peripheral veins, phantom to study of procedures related to the handling traumatic problems, phantom to treat pneumothorax, flanges, boards orthopedic immobilization, tracheal tube, tube oro-pharyngeal, laryngeal tubes, bandages, cotton swabs, liquid disinfectant apparatus for ultrasound, ECG apparatus

Preliminary conditions (minimum requirements to be met by the student before starting the module/course)

Recalling the knowledge about first aid obtained during the first year course of first aid.

Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)

Attendance to the limit of 10% absences.

Correct answers to at least 80% of the test questions

Obtaining at least 80% of the points in the practical skill test.



Grade:	Criteria (only for courses/modules ending with an examination)
Very Good (5.0)	
Good Plus (4.5)	
Good (4.0)	
Satisfactory Plus (3.5)	
Satisfactory (3.0)	



Name and address of module/course teaching unit, contact: telephone and e-mail address

Katedra i Klinika Medycyny Ratunkowej Borowska 213

0048 71 7332969 email:

kat.med.rat@umed.wroc.pl.....

Coordinator / Person responsible for module/course, contact: telephone and e-mail address

Dr hab. Dorota Zyśko, prof. nadzw.

600125283

dorota.zysko@umed.wroc.pl

List of people conducting specific classes: full name, degree/scientific or professional title, discipline, performed profession, form of classes.

Department and Clinic of Emergency Medicine

Dr hab. Dorota Zyśko, prof. nadzw. medical doctor CC, CSC, L

Dr n. med. Przemysław Skoczyński medical doctor, CC, CSC

Dr n. med. Krzysztof Dudek medical doctor, CC, CSC

Dr n. med. Katarzyna Budrewicz, medical doctor, CC, CSC

Dr n. med. Rafał Kleczyk, medical doctor, CC, CSC

Lek Krzysztof Bilaszewski medical doctor CSC, CC

Dr n. med. Małgorzata Rak, medical doctor CSC, CC

Lek. Michał Dudek medical doctor, CC, CSC

Dr Barbara Porębska medical doctor CSC, CC

Lek. Goutam Chourasia medical doctor, CC, CSC, L

Lek. Agnieszka Piątkowska; medical doctor, CC

Lek. Joanna Wizowska; medical doctor, CC

Mgr Małgorzata Kaczmarek psychologist, CC, L

Lek. Paweł Pochciał, CC, CSC

Department of Paediatric Traumatology and Emergency Medicine

Prof. dr hab. Jan Godziński, medical doctor CC, L

Dr n. med. Lilianna Styka medical doctor, CC, CSC

Dr n. med. Kinga Niewińska medical doctor, CC, CSC

Dr n. med. Joanna Jakubaszko-Jabłońska medical doctor, CC, CSC

Lek. Michał Rutkowski medical doctor, CC, CSC

Dr n. med. Janusz Sokołowski medical doctor, CC, CSC

Dr n. med. Marta Kwiaton medical rescuer, psychologist, CC, CSC

Lek. Marzena Kozakiewicz medical doctor, CC, CSC

Lek. Karol Dopierała medical doctor, CC, CSC

Lek. Remigiusz Chrostek medical doctor, CC, CSC

Internal Nursing Department

Prof. dr hab. Jacek Gajek, medical doctor, CC

Date of Syllabus development

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Syllabus developed by

Uniwersytet Medyczny we Wrocławiu
Katedra i Klinika MEDYCZYNY RATUNKOWEJ
Kierownik

dr hab. Dorota Zyśko, prof. nadzw.



Signature of Head of teaching unit

Uniwersytet Medyczny we Wrocławiu
KATEDRA MEDYCYNy RATUNKOWEJ
kierownik

dr hab. Doroła Zysko, prof. nadzw.

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN

Prof. Andrzej Hendrich, PhD